

Author-Title Index

- Acker, A., Stenholm, B., Tylen, R.: The absolute $H\beta$ fluxes for southern planetary nebulae **217, 394 (77, 487)**
- Aime, C., see Druesne, P., et al. **217, 229**
- Alloin, D., Bica, E.: A comparative study of Na I and Ca II infrared lines in stars, star clusters and galaxy nuclei: an alternative to the dwarf-enriched population **217, 57**
- Arsenault, R.: The preponderance of bar and ring features in starburst galaxies and active galactic nuclei **217, 66**
- Baize, P., Petit, M.: Orbital double stars with variable components (text in French) **217, 394 (77, 497)**
- Baratta, G.B., see Viotti, R. **217, 394 (77, 155)**
- Beck, R., see Krause, M., et al. **217, 4**
- Beck, R., see Krause, M., et al. **217, 17**
- Bender, R., Surma, P., Döbereiner, S., Möllenhoff, C., Maedjesky, R.: Isophote shapes of elliptical galaxies. II. Correlations with global optical, radio and X-ray properties **217, 35**
- Benz, A.O., see Güdel, M., et al. **217, L9**
- Bica, E., see Alloin, D. **217, 57**
- Blaauw, A., see Pel, J.W., et al. **217, 394 (77, 513)**
- Bockelée-Morvan, D., see Gérard, E., et al. **217, 392 (77, 379)**
- Bonaccini, D., Cavallini, F., Ceppatelli, G., Righini, A.: High resolution solar bidimensional spectroscopy with a Universal Birefringent Filter in tandem with a Fabry-Perot interferometer **217, 368**
- Borgnino, J., see Druesne, P., et al. **217, 229**
- Boulanger, J.L., Duruisseau, J.P., Le Denmat, G., Tournenc, P.: Towards the birth of gravitational astronomy. I. Number of events expected from gravitational wave detection by interferometry **217, 375**
- Boulanger, J.L., Duruisseau, J.P., Le Denmat, G., Tournenc, P.: Towards the birth of gravitational astronomy. II. Directivity and number of events in coincidences expected from gravitational wave detection by interferometry **217, 381**
- Bouquet, A., Salati, P.: Life and death of cosmions in stars **217, 270**
- Bourgeois, G., see Gérard, E., et al. **217, 392 (77, 379)**
- Braz, M.A., Scalise, Jr., E., Gregorio Hetem, J.C., Monteiro do Vale, J.L., Gaylard, M.: Search for water vapor masers in the direction of IRAS sources associated with H II regions and molecular clouds **217, 393 (77, 465)**
- Burgess, A., Mason, H.E., Tully, J.A.: Coronal Mg^{+9} : collisional excitation of the $2s-2p$ multiplet **217, 319**
- Cameron Reed, B.: Photographic UBV photometry to $V=21$ in the Puppis window **217, 393 (77, 447)**
- Canuto, V.M.: AMLT: anisotropic mixing length theory **217, 333**
- Cappellaro, E., see Turatto, M., et al. **217, 79**
- Carpino, M., see Farinella, P., et al. **217, 298**
- Caswell, J.L., see Zijlstra, A.A., et al. **217, 157**
- Catala, C., see Güdel, M., et al. **217, L9**
- Cavallini, F., see Bonaccini, D., et al. **217, 368**
- Ceppatelli, G., see Bonaccini, D., et al. **217, 368**
- Chevalier, C., Ilovaisky, S.A., Motch, C., Pakull, M., Mouchet, M.: Transient low-mass X-ray binaries in quiescence. II. CCD photometry and spectroscopy of 4U 2129+47 **217, 108**
- Chrysovergis, M., Kontizas, M., Kontizas, E.: Observed dynamical parameters of the disk clusters of the Large Magellanic Cloud. II **217, 392 (77, 357)**
- Churchwell, E., see Felli, M., et al. **217, 179**
- Colom, P., see Gérard, E., et al. **217, 392 (77, 379)**
- Conard, J., see Papoular, R., et al. **217, 204**
- Crovisier, J., see Gérard, E., et al. **217, 392 (77, 379)**
- Crusius, A., see Lesch, H., et al. **217, 99**
- Dačić, M., see Sadžakov, S. **217, 392 (77, 411)**
- Deshpande, M.R., see Sen, A.K., et al. **217, 307**
- Dimitrijević, M.S., Popović, M.M.: Estimates of Stark width along a homologous sequence **217, 201**
- Döbereiner, S., see Bender, R., et al. **217, 35**
- Druesne, P., Borgnino, J., Martin, F., Ricort, G., Aime, C.: Speckle interferometric study of the solar granulation from centre to limb **217, 229**
- Dulk, G.A., see Lecacheux, A., et al. **217, 237**
- Duruisseau, J.P., see Boulanger, J.L., et al. **217, 375**
- Duruisseau, J.P., see Boulanger, J.L., et al. **217, 381**
- Fanti, C., Fanti, R., Parma, P., Venturi, T., Schilizzi, R.T., Nan Rendong, Spencer, R.E., Muxlow, T.W.B., van Breugel, W.: Three prototype compact steep spectrum radio sources **217, 44**
- Fanti, R., see Fanti, C., et al. **217, 44**
- Farinella, P., Carpino, M., Froeschlé, Ch., Froeschlé, Cl., Gonzi, R., Knežević, Z., Zappalà, V.: The ages of asteroid families **217, 298**
- Felli, M., Massi, M., Churchwell, E.: VLBI observations of θ^1 Orionis A **217, 179**
- Forbes, D.: Photometry and spectroscopy of stars in northern H II regions **217, 393 (77, 439)**
- Fraix-Burnet, D., Nieto, J.-L., Roques, S.: Image deconvolution applied to the 3C 273 jet **217, 387**
- Froeschlé, Ch., see Farinella, P., et al. **217, 298**
- Froeschlé, Cl., see Farinella, P., et al. **217, 298**
- Fuhrmann, K.: Element identifications in IUE spectra of chemically peculiar stars: the Pt-Au-Hg sequence **217, 391 (77, 345)**

- Fulle, M.: Evaluation of cometary dust parameters from numerical simulations: comparison with an analytical approach and the role of anisotropic emissions **217**, 283
- Gaylard, M., see Braz, M.A., et al. **217**, 393 (77, 465)
- Gérard, E., Bockelée-Morvan, D., Bourgois, G., Colom, P., Crovisier, J.: Observations of the OH radio lines in comet P/Halley 1986 III **217**, 392 (77, 379)
- Gerbault, A., see Leblanc, Y., et al. **217**, 392 (77, 425)
- Giler, M., Osborne, J.L., Ptuskin, V.S., Szabelska, B., Wdowczyk, J., Wolfendale, A.W.: Distributed processes as contributors to the acceleration of cosmic rays **217**, 311
- Giuliano, M., see Papoular, R., et al. **217**, 204
- Gonczy, R., see Farinella, P., et al. **217**, 298
- Gregorio Hetem, J.C., see Braz, M.A., et al. **217**, 393 (77, 465)
- Güdel, M., Benz, A.O., Catala, C., Praderie, F.: Radio continuum emission from the pre-main sequence Herbig Ae star AB Aurigae **217**, L9
- Guélin, M., see Mikami, H., et al. **217**, L5
- Habing, H.J., see Zijlstra, A.A., et al. **217**, 157
- Haensel, P., Zdunik, J.L., Schaeffer, R.: Phase transitions in dense matter and radial pulsations of neutron stars **217**, 137
- Hartquist, T.W., see Havnes, O., et al. **217**, L13
- Havnes, O., Hartquist, T.W., Pilipp, W.: Wave propagation in dusty cool stellar envelopes **217**, L13
- Hawley, S.L., see Pettersen, B.R. **217**, 187
- Heintz, W.D.: The substellar masses of Wolf 424 **217**, 145
- Hoang, S., see Lecacheux, A., et al. **217**, 237
- Hummel, E., see Krause, M., et al. **217**, 4
- Hummel, E., see Krause, M., et al. **217**, 17
- Ilovaisky, S.A., see Chevalier, C., et al. **217**, 108
- Joshi, U.C., see Sen, A.K., et al. **217**, 307
- Katgert, P., see Rhee, G.F.R.N., et al. **217**, 1
- Kirk, J.G., see Schneider, P. **217**, 344
- Kister, J., see Papoular, R., et al. **217**, 204
- Knežević, Z., see Farinella, P., et al. **217**, 298
- Koester, D., Reimers, D.: Discovery of a new extremely hot DA white dwarf close to the open cluster NGC 6405 **217**, L1
- Kontizas, E., see Chrysovergis, M., et al. **217**, 392 (77, 357)
- Kontizas, M., see Chrysovergis, M., et al. **217**, 392 (77, 357)
- Krause, M., Beck, R., Hummel, E.: The magnetic field structures in two nearby spiral galaxies. II. The bisymmetric spiral magnetic field in M81 **217**, 17
- Krause, M., Hummel, E., Beck, R.: The magnetic field structures in two nearby spiral galaxies. I. The axisymmetric spiral magnetic field in IC 342 **217**, 4
- Larsson, S.: Optical one second quasi-periodic oscillations in VV Puppis **217**, 146
- Lauberts, A., see Peletier, R.F., et al. **217**, 391 (77, 339)
- Le Denmat, G., see Boulanger, J.L., et al. **217**, 375
- Le Denmat, G., see Boulanger, J.L., et al. **217**, 381
- Leblanc, Y., Gerbault, A., Lecacheux, A.: A Catalogue of Jovian decametric radio observations from January 1982 to December 1984 **217**, 392 (77, 425)
- Lecacheux, A., Steinberg, J.-L., Hoang, S., Dulk, G.A.: Characteristics of type III bursts in the solar wind from simultaneous observations on board ISEE-3 and Voyager **217**, 237
- Lecacheux, A., see Leblanc, Y., et al. **217**, 392 (77, 425)
- Lesch, H., Crusius, A., Schlickeiser, R., Wielebinski, R.: Ring currents and poloidal magnetic fields in nuclear regions of galaxies **217**, 99
- Madejsky, R., see Bender, R., et al. **217**, 35
- Maitzen, H.M., see Pavlovski, K. **217**, 391 (77, 351)
- Martin, F., see Druesne, P., et al. **217**, 229
- Mason, H.E., see Burgess, A., et al. **217**, 319
- Massi, M., see Felli, M., et al. **217**, 179
- Membrado, M., Pacheco, A.F., Sañudo, J.: Statistical distributions and gravitational halos **217**, 92
- Mikami, H., Yamamoto, S., Saito, S., Guélin, M.: Laboratory microwave spectroscopy of the C₃N radical in the vibrationally excited state v_3 **217**, L5
- Mille, G., see Papoular, R., et al. **217**, 204
- Möllenhoff, C., see Bender, R., et al. **217**, 35
- Mönchmeyer, R., Müller, E.: A conservative second-order difference scheme for curvilinear coordinates. I. Assignment of variables on a staggered grid **217**, 351
- Monteiro do Vale, J.L., see Braz, M.A., et al. **217**, 393 (77, 465)
- Motch, C., see Chevalier, C., et al. **217**, 108
- Mouchet, M., see Chevalier, C., et al. **217**, 108
- Müller, E., see Mönchmeyer, R. **217**, 351
- Muxlow, T.W.B., see Fanti, C., et al. **217**, 44
- Nan Rendong, see Fanti, C., et al. **217**, 44
- Nasiri, S., Sobouti, Y.: Global modes of oscillation of magnetized stars **217**, 127
- Nieto, J.-L., see Fraix-Burnet, D., et al. **217**, 387
- Osborne, J.L., see Giler, M., et al. **217**, 311
- Pacheco, A.F., see Membrado, M., et al. **217**, 92
- Pakull, M., see Chevalier, C., et al. **217**, 108
- Papoular, R., Conard, J., Giuliano, M., Kister, J., Mille, G.: A coal model for the carriers of the unidentified IR bands **217**, 204
- Parma, P., see Fanti, C., et al. **217**, 44
- Pavlovski, K., Maitzen, H.M.: $\Delta\alpha$ -photometry of Be/shell stars **217**, 391 (77, 351)
- Pel, J.W., Trefzger, C.F., Blaauw, A.: *Erratum*: Walraven VBLUW photometry in basal halo fields. I. Photometric data for Selected Areas SA141 (South Galactic Pole), SA94 and SA107 **217**, 394 (77, 513)
- Peletier, R.F., Lauberts, A., Valentijn, E.A.: Simulated aperture-photometry on CCD-frames for 67 Southern Galaxies in *B* and *R* **217**, 391 (77, 339)
- Petit, M., see Baize, P. **217**, 394 (77, 497)
- Petrosian, A.R., see Turatto, M., et al. **217**, 79
- Pettersen, B.R., Hawley, S.L.: A spectroscopic survey of red dwarf flare stars **217**, 187
- Pilipp, W., see Havnes, O., et al. **217**, L13
- Popović, M.M., see Dimitrijević, M.S. **217**, 201
- Pottasch, S.R., see Zijlstra, A.A., et al. **217**, 157
- Praderie, F., see Güdel, M., et al. **217**, L9
- Prasanna, A.R.: Equilibrium configuration for an inertially dragged viscous fluid around a slowly rotating compact object **217**, 329
- Ptuskin, V.S., see Giler, M., et al. **217**, 311
- Ratag, M., see Zijlstra, A.A., et al. **217**, 157
- Reimers, D., see Koester, D. **217**, L1
- Reiner, M.J., Stone, R.G.: Model interpretation of type III radio burst characteristics. II. Temporal aspects **217**, 251
- Rhee, G.F.R.N., Webb, J.K., Katgert, P.: A search for Lyman- α emitting objects in a structure between a quasar pair at a redshift of 2 **217**, 1
- Richichi, A., see Wampler, E.J. **217**, 31
- Ricort, G., see Druesne, P., et al. **217**, 229
- Righini, A., see Bonaccini, D., et al. **217**, 368
- Roques, S., see Fraix-Burnet, D., et al. **217**, 387
- Rüdiger, G., see Tuominen, I. **217**, 217

- Sadžakov, S., Dačić, M.: A catalogue of right ascensions and declinations of FK4 stars **217**, 392 (77, 411)
- Saito, S., see Mikami, H., et al. **217**, L5
- Salati, P., see Bouquet, A. **217**, 270
- Sañudo, J., see Membrado, M., et al. **217**, 92
- Scalise, Jr., E., see Braz, M.A., et al. **217**, 393 (77, 465)
- Schaeffer, R., see Haensel, P., et al. **217**, 137
- Schilizzi, R.T., see Fanti, C., et al. **217**, 44
- Schlickeiser, R., see Lesch, H., et al. **217**, 99
- Schneider, P., Kirk, J.G.: Particle acceleration at modified shock fronts. I. The power-law spectrum for relativistic flows **217**, 344
- Sen, A.K., Joshi, U.C., Deshpande, M.R.: Molecular band polarization in comet P/Halley **217**, 307
- Sobouti, Y., see Nasiri, S. **217**, 127
- Spencer, R.E., see Fanti, C., et al. **217**, 44
- Stasińska, G., see Tylenda, R. **217**, 209
- Steinberg, J.-L., see Lecacheux, A., et al. **217**, 237
- Stenholm, B., see Acker, A., et al. **217**, 394 (77, 487)
- Stone, R.G., see Reiner, M.J. **217**, 251
- Surma, P., see Bender, R., et al. **217**, 35
- Szabelska, B., see Giler, M., et al. **217**, 311
- te Lintel Hekkert, P., see Zijlstra, A.A., et al. **217**, 157
- Tourrenc, P., see Boulanger, J.L., et al. **217**, 375
- Tourrenc, P., see Boulanger, J.L., et al. **217**, 381
- Trefzger, C.F., see Pel, J.W., et al. **217**, 394 (77, 513)
- Tully, J.A., see Burgess, A., et al. **217**, 319
- Tuominen, I., Rüdiger, G.: Solar differential rotation as a multi-parameter turbulence problem **217**, 217
- Turatto, M., Cappellaro, E., Petrosian, A.R.: Supernovae in Markarian galaxies **217**, 79
- Tylenda, R., Stasińska, G.: The evolution of planetary nebulae nuclei: models against observations **217**, 209
- Tylenda, R., see Acker, A., et al. **217**, 394 (77, 487)
- Valentijn, E.A., see Peletier, R.F., et al. **217**, 391 (77, 339)
- van Breugel, W., see Fanti, C., et al. **217**, 44
- van Gent, R.H.: Lightcurves of the Algol-variable U CrB in the UPS photometrical system **217**, 393 (77, 471)
- van Oijen, J.G.J.: Are massive X-ray binaries runaway stars? **217**, 115
- Venturi, T., see Fanti, C., et al. **217**, 44
- Viotti, R., Baratta, G.B.: *Erratum*: FeII References Catalogues (Ser. 77, No. 1, 155) **217**, 394 (77, 155)
- Wampler, E.J., Richichi, A.: Observations of nebular emission lines towards SN 1987 A **217**, 31
- Wdowczyk, J., see Giler, M., et al. **217**, 311
- Webb, J.K., see Rhee, G.F.R.N., et al. **217**, 1
- Wielebinski, R., see Lesch, H., et al. **217**, 99
- Wolf, B.: Empirical amplitude-luminosity relation of S Doradus variables and extragalactic distances **217**, 87
- Wolfendale, A.W., see Giler, M., et al. **217**, 311
- Yamamoto, S., see Mikami, H., et al. **217**, L5
- Zappalà, V., see Farinella, P., et al. **217**, 298
- Zdunik, J.L., see Haensel, P., et al. **217**, 137
- Zijlstra, A.A., te Lintel Hekkert, P., Pottasch, S.R., Caswell, J.L., Ratag, M., Habing, H.J.: OH maser emission from young planetary nebulae **217**, 157